

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("6362618").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/14 09:20
L2	2	("6326618").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/14 09:20
L3	18	( <sup>4751384</sup> "   "4567364"   "4600839"   "4767926"   "4788117"   "5117111"   "5159643"   "5607800"   "5804460"   "5926690"   "6004706"   "6051348"   "6078738"   "6091845").PN. OR ("6326618").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/14 09:24
L4	6119583	3 and portion or part or region	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/14 09:25
L5	17	3 and (portion or part or region)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 09:30
L6	240	pluralit\$3 adj1 (portions or parts or regions or sections) near10 (normal or abnormal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 09:32
L7	12173	mask and (electron adj microscope)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 09:33

## EAST Search History

L8	2	6 and 7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 09:33
L9	17	("4417203"   "4980639"   "5680056"   "5804980"   "5877498"   "6005400"   "6177681"   "6232787"   "6323484").PN. OR ("6559662"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/14 09:34
S1	37073	fft or fast adj fourier adj transform	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/15 12:57
S2	37073	fft or (fast adj fourier adj transform)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/15 12:57
S3	69458	(scanning adj electron adj microscope) or (electron adj microscope)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/15 12:58
S4	332	S2 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/15 12:58
S5	3245791	(sample) or (wafer) or (IC) or (integrated adj circuit) or (IC adj chip)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/15 13:00
S6	303	S4 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/15 13:00

## EAST Search History

S7	69630	(inspect\$3 or analyzing or determining or finding) same (defects or abnormalities)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/15 13:01
S8	74077	(inspect\$3 or analyzing or determining or finding or discrimi\$5) same (defects or abnormalities)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/15 13:02
S9	69	S6 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/15 13:02
S10	63	etching same trace same (line adj width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/15 13:04
S11	0	S9 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/15 13:03
S12	7	("4242635"   "4466746"   "4668916"   "4682857"   "6121059"   "6559670"   "6657447").PN. OR ("6842021").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/15 13:19
S13	13	("5008617"   "5258705"   "5394098"   "5504017"   "5777487"   "5804980"   "5963040").PN. OR ("6121059").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/15 13:21
S14	41	("3449583"   "3934199"   "3990770"   "4105298"   "4147979"   "4242635"   "4269481"   "4333051"   "4355278"   "4446425"   "4603293"   "4618819"   "4642560"   "4681449"   "4779961"   "4841234"   "4870356"   "4877298"   "4891579"   "4891584"   "4906922"   "4910454"   "4920310"   "4923288"   "4983911"   "4999577"   "5090824").PN. OR ("5394098").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/15 13:22

## EAST Search History

S15	38	("3889053"   "3934199").PN. OR ("4242635").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/15 13:22
S16	42	("3663194"   "3956698"   "4053833"   "4242635"   "4355278"   "4415851"   "4482863"   "4554453"   "4618819"   "4681449"   "4703260"   "4714826"   "4745361"   "4758092"   "4760249"   "4786864"   "4816755"   "4827212"   "4843329"   "4868492"   "4875006"   "4881029"   "4896109"   "4933634"   "4970461"   "4983911"   "4999577"   "5034683"   "5059897"   "5216359").PN. OR ("6512385").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/15 13:36
S17	17	("4567364"   "4600839"   "4751384"   "4767926"   "4788117"   "5117111"   "5159643"   "5607800"   "5804460"   "5926690"   "6004706"   "6051348"   "6078738"   "6091845").PN. OR ("6326618"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/15 14:00
S18	28	("4600839"   "4751384"   "4767926"   "5917332").PN. OR ("6258610"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/15 15:20

## EAST Search History

S19	277	("20010052257"   "20020017619"   "20020018217"   "20020149782"   "20020158193"   "20020192577"   "3946484"   "4232063"   "4247203"   "4347001"   "4378159"   "4448532"   "4511800"   "4532650"   "4555798"   "4556317"   "4559450"   "4571685"   "4578589"   "4579455"   "4579463"   "4587432"   "4599558"   "4601576"   "4618938"   "4619529"   "4631416"   "4633504"   "4641967"   "4644172"   "4645929"   "4710030"   "4733091"   "4743767"   "4750822"   "4766324"   "4770536"   "4805123"   "4807994"   "4812756"   "4818110"   "4842683"   "4845558"   "4854710"   "4865445"   "4877326"   "4898471"   "4899055"   "4905170"   "4912326"   "4926489"   "4999014"   "4999578"   "5023424"   "5042951"   "5043589"   "5047648"   "5074669"   "5076692"   "5112129"   "5114235"   "5181080"   "5182455"   "5182610"   "5189481"   "5189494"   "5215619"   "5264912"   "5316984"   "5327221"   "5340992"   "5344491"   "5355212"   "5377006"   "5393624"   "5401316"   "5412473"   "5414514"   "5438313"   "5438413"   "5485091"   "5516608"   "5517312"   "5520769"   "5537669"   "5563702"   "5565979"   "5572598"   "5574278"   "5581350"   "5594247"   "5596406"   "5596411"   "5604344"   "5604585"   "5608526"   "5614060"   "5619548"   "5633747"   "5641969"   "5644223"   "5650731"   "5652654"   "5666196"   "5682242"   "5684393"   "5689614"   "5695568"   "5699156"   "5703692"   "5712707"   "5730642"   "5737072"   "5740226"   "5747813"   "5748318"   "5754297"   "5757507"   "5764365"   "5767693"   "5770099"   "5771094"   "5783342").PN. OR ("5798529"   "5798829"   "5798837"   "5801390"   "5805290"   "5822055"   "5825482"   "5831865"   "5844684"   "5849136"   "5859424"   "5859964"   "5864394"   "5866437"   "5867590")	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/15 15:24
6/14/2007 10:49:22 AM	"5872633"   "5877859"   "5882165" C:\Documents and Settings\inare12\My Documents\EAST\workspaces\10661632.wsp "588374"   "5883710" "5886355"   "5887085"   "5889593"				Page 5	

## EAST Search History

S20	2	("6326618").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/16 13:03
S21	55	((CHUNG-SAM) near2 (JUN)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 13:14
S22	59	((SANG-MUN) near2 (CHON)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 13:19
S23	24	((SUN-YONG) near2 (CHOI)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 13:21
S24	35	((DONG-JIN) near2 (PARK)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 13:22
S25	8	((JEONG-HYUN) near2 (CHOI)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 13:24
S26	2	("6326618").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/08 13:59
S27	18	("4567364"   "4600839"   "4751384"   "4767926"   "4788117"   "5117111"   "5159643"   "5607800"   "5804460"   "5926690"   "6004706"   "6051348"   "6078738"   "6091845").PN. OR ("6326618"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 14:16
S28	16	("3329813"   "4567364"   "4600839").PN. OR ("4767926"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 14:56
S29	15969	(defects or abnormal\$5) near10 ((power adj spectrum) or fft or fourier or frequenc\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 15:01

## EAST Search History

S30	11231	(power adj spectrum) and (fft or fourier or frequenc\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 15:02
S31	218	((power adj spectrum) and (fft or fourier or frequenc\$3)) same (defects or abnormal\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 15:02
S32	26	microscope and S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 15:25
S33	150	(defects and abnormal\$5) same plural\$5 same portions	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 15:26
S34	0	S31 and S33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 15:27
S35	1	(frequenc\$3 and microscope and power) and S33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 15:27
S36	2	("6326618").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/11 14:04

## EAST Search History

S37	18	("4567364"   "4600839"   "4751384"   "4767926"   "4788117"   "5117111"   "5159643"   "5607800"   "5804460"   "5926690"   "6004706"   "6051348"   "6078738"   "6091845").PN. OR ("6326618"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 15:23
S38	0	S37 and scan adj lines	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 15:23
S39	266	(repeated adj patterns) and defect and (spectrum or graph)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 15:25
S40	278148	(fft or frequency ) and (defects or abnormal\$5 or deform\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 15:26
S41	159	S39 and S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 15:27
S42	130	S41 and (regions)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 15:51
S43	36310	spectrum near10 portions	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 15:52

## EAST Search History

S44	1700	fft and S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 15:51
S45	4540	(frequency or power ) adj spectrum near10 portions	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 15:58
S46	995273	mask or wafer or chip with S45	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 15:53
S47	1032612	mask or wafer or chip and defect	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 15:53
S48	146969	(mask or wafer or chip) and defect	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 15:53
S49	88	S45 and S48	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 15:53
S50	1811	(frequency or power ) adj spectrum near10 compar\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 16:04

## EAST Search History

S51	68	S48 and S50	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 15:59
S52	16911	spectrum near10 compar\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 16:04
S53	790	S48 and S52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 16:05
S54	509726	(areas or portions or regions ) near10 image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 16:05
S55	181	S53 and S54	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 16:09
S56	97426	(graph or spectr\$2) near10 (parts or portions)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 16:12
S57	5167	(generat\$3 same (graph or spectr\$2)) near10 (parts or portions)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 16:13

## EAST Search History

S58	36962	(wafer or mask or chip) near10 (defects or abnormal\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 16:14
S59	45	S57 and S58	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 16:18
S60	40	(spectrum or graph ) near4 ((defect\$3 or abnormal) adj (portions or regions or areas))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 16:19